NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light ontrol switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Detailed Measurements

em No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out,								
	Vide Premeasurement page no. 01					71.08			
	Present Qty					**71.08**	**Cum**	214.80	**15267.73**
2	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding								
	Vide Premeasurement page no. 02					5.81			
	Present Qty					**5.81**	**Cum**	**6414.31**	**37241.51**
3	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.(V-III, I.No 13.1 Page No 99, PWD SR 2021-22)					3.53			
	Vide Premeasurement page no. 03					4.05			
	Present Qty					**4.05** 3.53	**Ton**	**106447.02**	**430756.93**
4	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded								
	Vide Premeasurement page no. 04					74.20			
	Present Qty					**74.20**	**Cum**	**7237.05**	**536996.01**
2	Earth work excavation for cable trench of 0.4 to 0.6 Mtr. Width and Depth upto 1 Mtr including trial pits, depositing on bank upto a lead of 50 Mtr, Supplying and Displaying necessary Danger Boards and Lighting, Using sight Rails and Sign								
	Vide Premeasurement page no.					866.88			
	Present Qty					**866.88**	**Cum**	**272.97**	**236629.01**
3	Refilling the cable trenches with selected available earth from trench excavation including watering, consolidation in layers of 15 cm. Thickness including depositing of the surplus earth with a lead of 200 Mtr								
	Vide Premeasurement page no.					866.88			
	Present Qty					**866.88**	**Cum**	**60.92**	**52811.37**

For M/s SURAKSHA ELECTRICALS

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement :

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
5	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete. As per Engineer incharge.								
	Attur Lake Double Road								
	Kempanahalli Road From Attur Road RHS								
	CH : 0.00m to 15.00m	1	3.00	0.90		2.70			
	CH : 15.00m to 30.00m	1	8.40	0.90		7.56			
	CH : 30.00m to 45.00m	1	6.00	0.90		5.40			
	CH : 45.00m to 60.00m	1	6.00	0.90		5.40			
	CH : 60.00m to 75.00m	1	9.00	0.90		8.10			
	CH : 75.00m to 90.00m	1	10.80	0.90		9.72			
	CH : 90.00m to 105.00m	1	9.00	0.90		8.10			
	CH : 105.00m to 120.00m	1	10.80	0.90		9.72			
	CH : 120.00m to 135.00m	1	8.40	0.90		7.56			
	CH : 135.00m to 150.00m	1	6.50	0.90		5.85			
	CH : 150.00m to 165.00m	1	6.00	0.90		5.40			
	CH : 165.00m to 180.00m	1	9.00	0.90		8.10			
	CH : 180.00m to 195.00m	1	10.80	0.90		9.72			
	CH : 195.00m to 210.00m	1	8.40	0.90		7.56			
	CH : 210.00m to 225.00m	1	8.40	0.90		7.56			
	CH : 225.00m to 240.00m	1	10.80	0.90		9.72			
	CH : 240.00m to 255.00m	1	9.00	0.90		8.10			
	CH : 255.00m to 270.00m	1	10.80	0.90		9.72			
	CH : 270.00m to 285.00m	1	8.40	0.90		7.56			
	CH : 285.00m to 300.00m	1	6.00	0.90		5.40			
	CH : 300.00m to 315.00m	1	6.00	0.90		5.40			
					Present Qty	**154.35**	**Sqm**	**2175.48**	**335784.78**

For M/s SURAKSHA ELECTRICALS Proprietor

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer 10/2/23

Asst. Executive Engineer, 10/2/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement :

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements								
6	Providing and fixing pre cast solid cement concrete kerb stones made out of CC M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete.								
	Doddaballapura Main Road								
	From Indian Petrol Bunk RHS								
	CH : 0.00m to 30.00m	1	3.40			3.40			
	CH : 30.00m to 60.00m	1	3.40			3.40			
	CH : 60.00m to 90.00m	1	6.75			6.75			
	CH : 90.00m to 120.00m	1	6.75			6.75			
	CH : 120.00m to 150.00m	1	3.40			3.40			
	CH : 150.00m to 180.00m	1	6.75			6.75			
	CH : 180.00m to 210.00m	1	6.75			6.75			
	CH : 210.00m to 240.00m	1	6.75			6.75			
	CH : 240.00m to 270.00m	1	6.75			6.75			
	CH : 270.00m to 300.00m	1	6.75			6.75			
	CH : 300.00m to 330.00m	1	6.75			6.75			
	CH : 330.00m to 360.00m	1	3.40			3.40			
	CH : 360.00m to 390.00m	1	3.40			3.40			
	CH : 390.00m to 420.00m	1	6.75			6.75			
	CH : 420.00m to 450.00m	1	6.75			6.75			
	CH : 450.00m to 480.00m	1	3.40			3.40			
	CH : 480.00m to 510.00m	1	6.75			6.75			
	CH : 510.00m to 540.00m	1	6.75			6.75			
	CH : 540.00m to 570.00m	1	6.75			6.75			
	CH : 570.00m to 600.00m	1	6.75			6.75			
	CH : 600.00m to 630.00m	1	6.75			6.75			
	CH : 630.00m to 660.00m	1	6.75			6.75			
	CH : 660.00m to 690.00m	1	3.40			3.40			
	CH : 690.00m to 720.00m	1	3.40			3.40			
	CH : 720.00m to 750.00m	1	6.75			6.75			
	CH : 750.00m to 780.00m	1	6.75			6.75			
	CH : 780.00m to 810.00m	1	3.40			3.40			
	CH : 810.00m to 840.00m	1	6.75			6.75			
	CH : 840.00m to 870.00m	1	6.75			6.75			
	CH : 870.00m to 900.00m	1	6.75			6.75			
	CH : 900.00m to 930.00m	1	6.75			6.75			
	From From Indian Petrol Bunk LHS								
	CH : 0.00m to 30.00m	1	3.40			3.40			

Contractor Consultant Asst. Engineer 10/3/23 Asst. Executive Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	CH : 30.00m to 60.00m	1	3.40			3.40			
	CH : 60.00m to 90.00m	1	6.75			6.75			
	CH : 90.00m to 120.00m	1	6.75			6.75			
	CH : 120.00m to 150.00m	1	6.75			6.75			
	CH : 150.00m to 180.00m	1	6.75			6.75			
	CH : 180.00m to 210.00m	1	3.40			3.40			
	CH : 210.00m to 240.00m	1	3.40			3.40			
	CH : 240.00m to 270.00m	1	6.75			6.75			
	CH : 270.00m to 300.00m	1	6.75			6.75			
	CH : 300.00m to 330.00m	1	3.40			3.40			
	CH : 330.00m to 360.00m	1	3.40			3.40			
	CH : 360.00m to 390.00m	1	3.40			3.40			
	CH : 390.00m to 420.00m	1	6.75			6.75			
	CH : 420.00m to 450.00m	1	6.75			6.75			
	CH : 450.00m to 480.00m	1	6.75			6.75			
	CH : 480.00m to 510.00m	1	6.75			6.75			
	CH : 510.00m to 540.00m	1	3.40			3.40			
	CH : 540.00m to 570.00m	1	3.40			3.40			
	CH : 570.00m to 600.00m	1	6.75			6.75			
	CH : 600.00m to 630.00m	1	6.75			6.75			
	CH : 630.00m to 660.00m	1	3.40			3.40			
	CH : 660.00m to 690.00m	1	3.40			3.40			
	CH : 690.00m to 720.00m	1	6.75			6.75			
	CH : 720.00m to 750.00m	1	6.75			6.75			
	CH : 750.00m to 780.00m	1	6.75			6.75			
	CH : 780.00m to 810.00m	1	6.75			6.75			
	CH : 810.00m to 840.00m	1	3.40			3.40			
	CH : 840.00m to 870.00m	1	3.40			3.40			
	CH : 870.00m to 900.00m	1	6.75			6.75			
	CH : 900.00m to 930.00m	1	6.75			6.75			
	Attur Lake Double Road								
	Kempanahalli Road LHS								
	CH : 0.00m to 30.00m	1	3.40			3.40			
	CH : 30.00m to 60.00m	1	3.40			3.40			
	CH : 60.00m to 90.00m	1	6.75			6.75			
	CH : 90.00m to 120.00m	1	6.75			6.75			
	CH : 120.00m to 150.00m	1	6.75			6.75			
	CH : 150.00m to 180.00m	1	6.75			6.75			
	CH : 180.00m to 210.00m	1	3.40			3.40			
	CH : 210.00m to 240.00m	1	3.40			3.40			
	CH : 240.00m to 270.00m	1	6.75			6.75			
	CH : 270.00m to 300.00m	1	6.75			6.75			
	CH : 300.00m to 330.00m	1	6.75			6.75			
	CH : 330.00m to 360.00m	1	6.75			6.75			
	CH : 360.00m to 390.00m	1	6.75			6.75			
	CH : 390.00m to 420.00m	1	6.75			6.75			
	CH : 420.00m to 450.00m	1	6.75			6.75			

SILICON CONSULTING ENGINEERS

Contractor | Consultant | Asst. Engineer 14/03/23 | Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	CH : 810.00m to 840.00m	1	6.75			6.75			
	CH : 840.00m to 870.00m	1	6.75			6.75			
	CH : 870.00m to 900.00m	1	6.75			6.75			
	CH : 900.00m to 930.00m	1	6.75			6.75			
	CH : 930.00m to 960.00m	1	6.75			6.75			
	CH : 960.00m to 990.00m								
	Kempanahalli Road From Attur Road RHS								
	CH : 0.00m to 15.00m	1	3.40			3.40			
	CH : 15.00m to 30.00m	1	3.40			3.40			
	CH : 30.00m to 45.00m	1	3.40			3.40			
	CH : 45.00m to 60.00m	1	6.75			6.75			
	CH : 60.00m to 75.00m	1	6.75			6.75			
	CH : 75.00m to 90.00m	1	6.75			6.75			
	CH : 90.00m to 105.00m	1	9.00			9.00			
	CH : 105.00m to 120.00m	1	10.80			10.80			
	CH : 120.00m to 135.00m	1	8.40			8.40			
	CH : 135.00m to 150.00m	1	6.50			6.50			
	CH : 150.00m to 165.00m	1	6.00			6.00			
	CH : 165.00m to 180.00m	1	3.40			3.40			
	CH : 180.00m to 195.00m	1	3.40			3.40			
	CH : 195.00m to 210.00m	1	3.40			3.40			
	CH : 210.00m to 225.00m	1	8.40			8.40			
	CH : 225.00m to 240.00m	1	10.80			10.80			
	CH : 240.00m to 255.00m	1	9.00			9.00			
	CH : 255.00m to 270.00m	1	10.80			10.80			
	CH : 270.00m to 285.00m	1	8.10			8.10			
	CH : 285.00m to 300.00m	1	6.75			6.75			
	CH : 300.00m to 315.00m	1	6.75			6.75			
						912.15			
					Present Qty	**2027.00**	**Nos**	**532.27**	**1078920.25**

Chd OK

M/S ... SHA ELECTRICALS
Proprietor
Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer 18/3/22

Asst. Executive Engineer,

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 28/11/22 to 20/3/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
7	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Streetlight 90 Watts								
	LED Streetlight 90Watts								
	New Pole	1st Main,Havyaka Layout			1	1.00			
	New Pole	2nd Main,Havyaka Layout			1	1.00			
	New Pole	2nd Main,Havyaka Layout			1	1.00			
	New Pole	2nd Main,Havyaka Layout			1	1.00			
	New Pole	2nd Main,Havyaka Layout			1	1.00			
	New Pole	2nd Main,Havyaka Layout			1	1.00			
	New Pole	3rd Main,Havyaka Layout			1	1.00			
	New Pole	3rd Main,Havyaka Layout			1	1.00			
	SNE/03/TC04/208/03/00/02/0/177	No.162,			1	1.00			
	New Pole	Near Ambhabahavani temple Back Side,Attur			1	1.00			
	New Pole	Near Ambhabahavani temple Back Side,Attur			1	1.00			

Assistant Executive Engineer (Ele) BBMP, Bangalore

SILICON CONSULTING ENGINEERS

Contractor Consultant Asst.Engineer Asst. Executive Engineer

20/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	New Pole	Near Ambhabahavani temple Back Side,Attur			1	1.00			
	SNE/03/TC480/JL/00/02/09/S	2nd Cross, Jyothi Nagara			1	1.00			
	SNE/03/TC480/JL/00/02/08/S	2nd Cross, Jyothi Nagara			1	1.00			
	SNE/03/TC480/JL/00/02/10/0	2nd Cross, Jyothi Nagara			1	1.00			
	SNE/03/TC04/208/00/01/0/56	1st Main,SFS 2085			1	1.00			
	SNE/03/TC/0/SFS/01/00/34/S/447	1st Main,SFS 2085			1	1.00			
	SNE/03/TC/IA/01/00/12/S	C8,Provimi Animal Nutrition India Pt Ltd			1	1.00			
	SNE/03/TC7/YA4/02/00/17/S	No.60,2nd Main,4th Phase,Yelahanka New Town			1	1.00			
	SNE/03/TC84/YA/00/05/02/S	S HIG,B3,Kapila Block,5th Cross,4th Phase,Yelahanka New Town			1	1.00			
	New Pole	S HIG,B5,Arkavathi Block,4th Phase,Yelahanka New Town			1	1.00			
	SNE/03/TC84/YA4/00/05/05	S HIG,B5,Arkavathi Block,4th Phase,Yelahanka New Town			1	1.00			
	New Pole	S HIG,B5,Arkavathi Block,4th Phase,Yelahanka New Town			1	1.00			
	SNE/03/TC82/YA4/02/00/02	No.18,3rd Cross,1st Main,4th Phase,Yelahanka			1	1.00			
	SNE/03/TC82/YA/02/00/05	Near Jagadamba Electricals,1st main,3rd			1	1.00			
	SNE/03/TC/BC/00/03/11	No.22, Best county 2			1	1.00			
	SNE/03/TC/BL/01/00/06	No.13/A,3rd Cross,B 1 Nagaraju Layout			1	1.00			
	New Pole	Veersagara Main Road,Near rangaswamy house			1	1.00			
	New Pole	Veersagara Main Road,Near rangaswamy house			1	1.00			
	New Pole	No.88,Best County,3rd Main			1	1.00			
	New Pole	Doddabettahalli Mariyappa Layout			1	1.00			
	SNE/03/TC/4TH/MR/00/34/0/197	No.1521,KHB Indutrial Area			1	1.00			
	SNE/03/TC74/4TH/208/04/0	No.D6-135,3rd Cross,407 SFS			1	1.00			
	SNE/03/TC/BHEL/02/02/10/0	2nd Main,2nd Cross,BHEL Layout			1	1.00			
	SBE/03/TC02/SN/00/05/07/0	No.41/1/66,5th Cross,Santhosh nagara			1	1.00			

Assistant Executive Engineer
BBMP, Bangalore

CBC

Contractor | SILICON CONSULTING ENGINEERS Consultant | Asst.Engineer | Asst. Executive Engineer

20/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	SNE/03/TC03/AL/01/00/07	No.218,1st Main,Attur Layout			1	1.00			
	SNE/03/TC03/AL/01/00/08	No.218,1st Main,Attur Layout			1	1.00			
	SNE/03/TC03/AL/01/00/08	No.218,1st Main,Attur Layout			1	1.00			
	SNE/03/TC66/SN/02/00/07/756	No.7,Sai nagara phase-2			1	1.00			
	New Pole	Near Govt School,Doddabettahalli			1	1.00			
	New Pole	Near Govt School,Doddabettahalli			1	1.00			
	New Pole	Near Govt School,Doddabettahalli			1	1.00			
	New Pole	Near Govt School,Doddabettahalli			1	1.00			
	SNE/03/TC/TN/04/00/05/L	No.4,4th Cross,Thirumala nagara			1	1.00			
	SNE/03/TC04/SN/00/05	5th Cross,Santhosh nagara			1	1.00			
	SNE/03/TC03/EC/04/00/01/05/S	No.26,Escorts colony			1	1.00			
	SNE/03/TC/AG/00/02/05/0	Anugraha Layout			1	1.00			
	SNE/03/TC12/SN/00/06/23/L	No.04,6th Cross,Santhosh Nagara			1	1.00			
	SNE/03/TC/SA/00/01/02/L	1st main,1st cross, Sai orchid layout			1	1.00			
	SNE/03/TC/AMS/00/03/03/0	3rd Cross,AMS Layout			1	1.00			
	SNE/03/TC/AMS/02/03/01/0	AMS Layout			1	1.00			
	SNE/03/TC/AMS/00/07/09/0	No.284A,AMS Layout			1	1.00			
	SNE/03/TC/VR/SL/01/03/0	1st cross,sriganfha layout,veersagara main road			1	1.00			
	SNE/03/TC62/SN/00/05/14/0	No.78/79,Santhosh nagara			1	1.00			
	SNE/03/TC02/SN/00/05/13/0	No.77,5th Cross,Santhosh Nagara			1	1.00			
	SNE/03/TC03/AL/01/00/34/297	Near Orange Medical,1st Main,attur layout			1	1.00			
	SNE/03/TC44/ML/01/00/36/L	No.5,1st main,Muneshweara nagara			1	1.00			
	SNE/03/TC142/ML/01/7/00/31/L/47	No.147,1st main,7th cross,Muneshwara Layout			1	1.00			
	SNE/03/TC142/ML/01/7/00/31/L/47	No.14,1st main,7th cross,Muneshwara Layout			1	1.00			
	SNE/03/TC/AL/01/00/07/L	Near Swamy vivekanada school,1st main,Attur layout			1	1.00			
	SNE/03/TC/AL/01/07/04/L	No.497/7,1st Main,Attur Layout			1	1.00			
	SNE/03/TC/SN/00/04/L/718	No.81,4th Cross,Sai nagara phase2			1	1.00			

Assistant Executive Engineer (Ele)
BBMP Bangalore

Contractor | Proprietor | SILICON CONSULTING ENGINEERS | Consultant | Asst.Engineer | Asst. Executive Engineer

20/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	
	New Pole		Near KEB Office,Doddabettahalli		1	1.00			
	SNE/03/TC/AP/06/00/11/L/2923		1st Cross,6th Main,Ananthapura		1	1.00			
	New Pole		2nd Cross,9th Main,Ananthapura		1	1.00			
	SNE/03/TC/AP/09/00/02/L/2885		No.132,9th Main Road,Ananthapura		1	1.00			
	SNE/03/TC/AP/09/00/04/L/2887		No.132,9th Main Road,Ananthapura		1	1.00			
	SNE/03/TC/AL/00/02/01/L/1327		No.80,11th Main,andra layout,ananthapura		1	1.00			
	SNE/03/TC142/ML/01/00/0/142		No.1716,Veersagara Main road,Muneshwara Layout,		1	1.00			
	New Pole		1st Cross, Chitra Layout		1	1.00			
	SNE/03/TC03/AL/00/02/08/0/478		No.39/1,Ramadasappa Layout		1	1.00			
	SNE/03/TC03/AL/00/02/09/S/479		Ramadasappa Layout		1	1.00			
	New Pole		Hariraju Layout,Near Shashank Apartment		1	1.00			
	New Pole		Hariraju Layout,Near Shashank Apartment		1	1.00			
	New Pole		Hariraju Layout,Near Shashank Apartment		1	1.00			
	New Pole		Hariraju Layout,Near Shashank Apartment		1	1.00			
	New Pole		No.1,6th Cross,santhosh nagara		1	1.00			
	SNE/03/TC10/SL/03/00/37/0/79		Satya Sai layout,4th Phase, near Neha prakash hospital		1	1.00			
	SNE/03/TC10/SL/03/00/37/0/79		Satya Sai layout,4th Phase, near Neha prakash hospital		1	1.00			
	SNE/03/TC10/SL/03/00/37/0/79		Satya Sai layout,4th Phase, near Neha prakash hospital		1	1.00			
	New Pole		3rd Main,Havyaka Layout		1	1.00			
	New Pole		3rd Main,Havyaka Layout		1	1.00			
	New Pole		6th Cross, Basavalingappa Nagara		1	1.00			
	SNE/03/TC480/AMR/11/02/04/0		11th Main,Ananthapura		1	1.00			
	SNE/03/TC480/AMR/11/02/06/0		11th Main,Ananthapura		1	1.00			
	SNE/03/TC480/AMR/11/04/01/0		11th Main,4th Cross, Ananthapura		1	1.00			

Assistant Executive Engineer
BBMP Bangalore

Asst. Executive Engi

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	New Pole	2nd Crross,RWF,Industrial Area,4th Phase,Yelahanka New Town			1	1.00			
	New Pole	2nd Crross,RWF,Industrial Area,4th Phase,Yelahanka New Town			1	1.00			
	New Pole	Near Ajantha Vihara Apartment,4th Phase,Yelahanka New Town			1	1.00			
	New Pole	Near Ajantha Vihara Apartment,4th Phase,Yelahanka New Town			1	1.00			
	New Pole	Opp Shashank Apartment ,Muniraj layout			1	1.00			
	New Pole	Opp Shashank Apartment ,Muniraj layout			1	1.00			
	New Pole	Opp Shashank Apartment ,Muniraj layout			1	1.00			
	SNE/03/TC43/AMS/03/00/06/0	2nd Cross,AMS Layout			1	1.00			
	SNE/03/TC43/AMS/03/00/09/S	2nd Cross,AMS Layout			1	1.00			
	SNE/03/TC43/AMS/03/00/10/0	2nd Cross,AMS Layout			1	1.00			
	SNE/03/TC43/AMS/03/00/11/S	2nd Cross,AMS Layout			1	1.00			
	SNE/03/TC/AV/01/00/04/L/397	Attur village last busstop			1	1.00			
	SNE/03/TC/AV/01/00/03/L/398	Attur village last busstop			1	1.00			
	SNE/03/TC/AL/00/10/11/L/1241	Holy Faith School Road,AMS Extention Layout			1	1.00			
	New Pole	Holy Faith School Road,AMS Extention Layout			1	1.00			
	New Pole	5th Cross, BHEL Layout			1	1.00			
	New Pole	5th Cross, BHEL Layout			1	1.00			
	New Pole	5th Cross, BHEL Layout			1	1.00			
	New Pole	5th Cross, BHEL Layout			1	1.00			
	New Pole	5th Cross, BHEL Layout			1	1.00			
	New Pole	11th Main,Andhra Layout,Aanthapura			1	1.00			
	New Pole	11th Main,Andhra Layout,Aanthapura			1	1.00			

Assistant Executive Engineer (Ele
BBMP, Bangalore

LFC

actor

SILICON CONSULTING ENGINEERS
Consultant

Asst.Engineer

Asst. Executive Engineer
20/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	SNE/04/TC22/YB/00/11/05/S/1749	No.182,11th B Cross,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC22/YB/00/12/01/S/1751	No.201,12th B Cross,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC22/YB/00/12/01/S/1752	No.161,12th B Cross,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC/YB/00/12/03/S	No.160,12th B Cross,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC22/YB/00/12/04/S	No.156,12th B Cross,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC22/YB/00/03/04/S	No.129,3rd B Main,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC22/YB/00/04/06/S/1770	No.201,4th B Main,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC22/YB/00/04/05/S/1171	No.204,4th B Main,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC04/YB/00/03/05/S	No.153,13th B Main,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC/04/YA/00/03/05/S	No.131,13th B Cross,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC/YA/00/03/07/S	No.133,3rd B Main,B Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC20/YB/00/07/10/00	5th B cross,B Sector, Yelahanka New town			1	1.00			
	SNE/04/TC24/YB/00/03/06/00	6th B cross,B Sector, Yelahanka New town			1	1.00			
	SNE/04/TC24/YB/00/06/06/00	7th B cross,B Sector, Yelahanka New town			1	1.00			
	SNE/04/TC20/YB/07/00/13/0	8th B cross,B Sector, Yelahanka New town			1	1.00			
	SNE/04/TC19/HL/02/00/16/0	2nd main,Hanumappa layout			1	1.00			
	SNE/04/TC19/HL/02/00/01/0	2nd main,Hanumappa layout			1	1.00			
	SNE/04/TC37/CB/00/06/29/0	6th cross,Chikkabommasandra			1	1.00			
	SNE/04/TC37/CB/00/06/30/0	6th cross,Chikkabommasandra			1	1.00			
	SNE/04/TC315/AL/01/00/14/L	1st Main, Allalasandra			1	1.00			
	SNE/04/TC/AL/00/05/17/S	5th Cross, Allalasandra			1	1.00			
	SNE/04/TC17/CB/00/04/02/S	4th Cross,Chikkabommasandra			1	1.00			
	SNE/04/TC17/CB/00/04/03/S	4th Cross,Chikkabommasandra			1	1.00			
	SNE/04/TC20/YB/07/02/S/1833	7th B cross,B Sector, Yelahanka New town			1	1.00			

Assistant Executive Engineer (Ele…
BBMP, Bangalore

CEC

Director

Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Asst.Engineer

Asst. Executive Engineer
20|3|23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	SNE/04/TC18/YA/04/00/15/S/339	4th A Main, A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC18/YA/04/00/16/S/340	4th A Main, A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC18/YA/04/00/17/S/341	4th A Main, A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC1/YA/0/13A/10/S	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC1/YA/0/13A/11/S	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC1/YA/0/13A/12/S	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC1/YA/0/13A/13/S	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC1/YA/0/13A/14/S	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC1/YA/0/13A/15/S	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC1/YA/0/13A/16/S	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC/YA/02/00/13/S/312	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC/YA/02/00/13/S/313	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC/YA/02/00/13/S/314	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC/YA/02/00/13/S/315	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC/YA/02/00/13/S/316	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC/YA/02/00/13/S/317	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC/YA/02/00/13/S/318	13th A Cross,A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC18/YA/04/00/21/S/278	4th A Main, A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC18/YA/02/0/S/341	2nd A Main, A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC18/YA/02/0/S/342	2nd A Main, A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC18/YA/02/0/S/343	2nd A Main, A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC18/YA/02/0/S/344	2nd A Main, A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC18/YA/02/0/S/345	2nd A Main, A Sector,Yelahanka New town			1	1.00			
	SNE/04/TC18/YA/02/0/S/346	2nd A Main, A Sector,Yelahanka New town			1	1.00			

Assistant Executive Engineer (El...
BBMP, Bangalore

CBC

SILICON Proprietor CONSULTING ENGINEERS

Contractor Consultant Asst.Engineer Asst. Executive Engin...

20/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	New pole	No.49,1st B Main, B Sector,Yelahanka New Town			1	1.00			
	New Pole	EWS 3rd Phase,Yelahanka New Town			1	1.00			
	New Pole	EWS 3rd Phase,Yelahanka New Town			1	1.00			
	New Pole	No.521,11th B Main,11th B Cross, B Sector, Yelahanka New Town			1	1.00			
	New Pole	No.521,11th B Main,11th B Cross, B Sector, Yelahanka New Town			1	1.00			
	New Pole	No.521,11th B Main,11th B Cross, B Sector, Yelahanka New Town			1	1.00			
	SNE/04/TC/GKVK/01/00/13/S	1st Main,GKVK Layout,Yelahanka			1	1.00			
	SNE/04/TC/GKVK/01/00/18/S	1st Main,GKVK Layout,Yelahanka			1	1.00			
	SNE/04/TC/GKVK/01/00/16/S	1st Main,GKVK Layout,Yelahanka			1	1.00			
	SNE/04/TC308/RE/01/00/03/S	Raksha Enclave,Near Allalasandra			1	1.00			
	SNE/04/TC308/RE/01/00/06/S	Raksha Enclave,Near Allalasandra			1	1.00			
	SNE/04/TC20/YB/00/03/01/0	3rd B cross,B Sector, Yelahanka New town			1	1.00			
	SNE/04/TC20/YB/00/00/3/02/0	4th B cross,B Sector, Yelahanka New town			1	1.00			
	SNE/04/TC20/YB/00/07/10/00	5th B cross,B Sector, Yelahanka New town			1	1.00			
	SNE/04/TC24/YB/00/03/06/00	6th B cross,B Sector, Yelahanka New town			1	1.00			
	SNE/04/TC24/YB/00/06/06/00	7th B cross,B Sector, Yelahanka New town			1	1.00			
	New pole	No.1392,9th main, Judicial Layout			1	1.00			
	New pole	No.1399,3rd cross, Judicial Layout			1	1.00			
	New pole	No.1400,3rd cross, Judicial Layout			1	1.00			
	New pole	No.1391,9th main, Judicial Layout			1	1.00			
	New Pole	Yelahank New Town Police Station			1	1.00			
	New Pole	Yelahank New Town Police Station			1	1.00			
	New Pole	Yelahank New Town Police Station			1	1.00			

Assistant Executive Engineer (Ele
BBMP, Bangalore

CBC

Contractor | Consultant | Asst.Engineer | Asst. Executive Engineer

20/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	New Pole	Yelahank New Town Police Station			1	1.00			
	SNE/04/TC233/YA/11/00/02/S	No.522,11th A Cross, A Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC233/YA/11/00/02/S	No.522,11th A Cross, A Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC233/YA/11/00/03/S	No.524,11th A Cross, A Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC233/YA/11/00/04/S	No.526,11th A Cross, A Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC233/YA/11/00/01/S	No.609,11th A Cross, A Sector,Yelahanka New Town			1	1.00			
	SNE/04/TC233/YA/11/00/06/S	No.527/B,11th A Cross, A Sector,Yelahanka New Town			1	1.00			
					Present Qty	**960.00**	**Nos**	**8157.74**	**7831432.05**

For M/s SURAKSHA ELECTRICALS
Proprietor

Contractor | Consultant | Assistant Engineer | Asst. Executive Engineer

M/s SURAKSHA ELECTRICALS
Proprietor

SILICON CONSULTING ENGINEERS

Contractor | Consultant | Asst.Engineer | Asst. Executive Engineer

20/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

of Measurement : 10/3/23 to 29/3/23

Detailed Measurements

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Streetlight 120 Watts								
LED Streetlight 120Watts								
Yelahanka Lake Beside Road	1	68.00			68.00			
Kogilu Main Road	1	74.00			74.00			
Attur Lake Double Road			108					
Kempanahalli Road	2	~~66.00~~ 33			66.00			
				Present Qty	**208.00**	**Nos**	**10497.02**	**2183379.65**

For M/s ... AKSHA ELECTRICALS
Proprietor

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Asst. Engineer,

Asst. Executive Engineer,
29/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 13/2/23 to 19/2/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Streetlight 150 Watts								
	LED Streetlight 120Watts								
	Doddaballapur Main Road								
	From Indian Petrol Bunk to Vidyapeeta School	2	31.00			62.00			
	From 3 Peg Bar and Restorent to Car Gaurage	2	64.00			128.00			
					Present Qty	190.00	Nos	14102.28	2679432.29

Contractor

For M/s ... Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Asst. Engineer

Asst. Executive Engineer

19/2/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 3/2/23 To 28/3/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements							
Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm.Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Floodlight 240W								
Highmast LED FloodLight								
Yelahanka , Kere Kodi Raod, Chowdeshwari Kalyana Mantap	7				7.00			
27th Cross,KondappaL/O, Yelahanka	5				5.00			
21st cross, Kondappa L/O, Yelahanka	5				5.00			
Yelahanka Kondappa L/O Markandeya Temple Junction	5				5.00			
Chowdeshwari L/O,Vijay Jyothi School,Yelahanka	5				5.00			
Kamakshamma L/O , 3rd Cross Junction	5				5.00			
Kamakshamma L/O , 1 st main Junction	6				6.00			
Chowdeshwari Temple near,Kamakshamma L/O, Yelahanka.	6				6.00			
Harohalli junction	7				7.00			
Nagenahalli Junction	5				5.00			
Puttenahalli Junction	6				6.00			

CFC

Contractor Consultant Asst. Engineer Asst. Executive Engineer

TGN. Baddi I/c 25/3/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Yelahanka Kalyani Stage Light	4				4.00			
Ananathpura Junction	7				7.00			
Double Road Junction , BWSSB	8				8.00			
SFS 208 Junction	5				5.00			
Vivekananda Park Inside	9				9.00			
Near 5 th Phase Bus stand Junction	6				6.00			
Near shiva mandira 5 th Phase Junction	8				8.00			
Attur layout Shanishwara Temple junction	5				5.00			
Attur Village	8				8.00			
Doddabettahalli L/O junction	5				5.00			
Doddabettahalli Village junction	4				4.00			
Sambhram College junction	5				5.00			
OmShakthi Temple Attur L/O	6				6.00			
Ambha Bhavani Temple near Bettalli	4				4.00			
Basket Ball Court, Ganapathi Park	8				8.00			
				Present Qty	154.00	Nos	20993.94	3233066.27

CFC

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer

25/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 13/3/23 to 24/3/23

Item No	Discription of Item	Detailed Measurements					Unit	Rate	Amount
		No	Length	Breadth	Depth	Qty			
11	Supply of LED pole mounting type post top lantern with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/ clear glass material, delivering superior light output.Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB . LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Post Top Lantern with 35 watts								
	Post Top Lantern					50.00			
	Basaveshwara Park	50							
					Present Qty	**50.00**	**Each**	**8306.90**	**415345.02**

Assistant Executive Engineer (Ele) BBMP, Bangalore

CBC

Contractor — For M/s SU... Proprietor

SILIGURI CONSULTING ENGINEERS — Consultant

Asst. Engineer

Asst. Executive Engineer

25/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 28/11/23 to 20/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Supplying and Fixing of........mm dia class A GI pipe bracket upto 2 ms long bent at suitable angle and fixing to this bracket 1x40/2x40 W fluorescent tube street light fitting of all capacities to GI or GI or rail or RCC pole / wall using suitable clA, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia G.I.Pipe								
	Qty From Item No-07					960.00			
	From Indian Petrol Bunk to Vidyapeeta School					100.00			
					Present Qty	1060.00	Each	947.03	1003851.67

For M/s SHRI AKSHAYA ELECTRICALS
Proprietor
Contractor

SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer,

Asst. Executive Engineer,
20/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 13/3/23 to 28/3/23

Item No	Discription of Item	Detailed Measurements					Unit	Rate	Amount
		No	Length	Breadth	Depth	Qty			
16	Fabricating, supplying and erection of …Mtrs long hot dip Galvanized Conical pole with BSEN 10025 grade S355JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for …….Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom …..mm, top….mm with 3mm thick, suitable base plate and 4Nos of long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc.,(excluding foundation) as per drawing appended.4 meters - Top 75mm and bottom 115 mm dia								
	Yelahanka Lake								
	Kalyani Around	13				13.00			
					Present Qty	**13.00**	**Nos**	**7929.98**	**103089.68**

CFC

Assistant Executive Engineer (Elec) BBMP, Bangalore

Contractor — Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer

28/3/23

...ME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

...of Measurement : 19/12/22 to 16/1/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		Detailed Measurements						
Supplying of 1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 16 Sqmm, 4 Core, (11 GI Strips - 4 x 0.8 mm)								
16Sqmm, 4Core Cable								
Doddaballapura Main Road								
From Indian Petrol Bunk to Vidyapeeta School								
From Panel to p-1	1	15.00			15.00			
p-1 to p-2	1	31.00			31.00			
p-2 to p-3	1	31.00			31.00			
p-3 to p-4	1	31.00			31.00			
p-4 to p-5	1	31.00			31.00			
p-5 to p-6	1	31.00			31.00			
p-6 to p-7	1	31.00			31.00			
p-7 to p-8	1	31.00			31.00			
p-8 to p-9	1	31.00			31.00			
p-9 to p-10	1	31.00			31.00			
p-10 to p-11	1	31.00			31.00			
From Panel to p-11	1	295.00			295.00			
p-11 to p-12	1	31.00			31.00			
p-12 to p-13	1	31.00			31.00			
p-13 to p-14	1	31.00			31.00			
p-14 to p-15	1	31.00			31.00			
p-15 to p-16	1	31.00			31.00			
p-16 to p-17	1	31.00			31.00			
p-17 to p-18	1	31.00			31.00			
p-18 to p-19	1	31.00			31.00			
p-19 to p-20	1	31.00			31.00			
p-20 to p-21	1	31.00			31.00			
From Panel to p-21	1	560.00			560.00			
p-21 to p-22	1	30.00			30.00			
p-22 to p-23	1	32.00			32.00			
p-23 to p-24	1	33.00			33.00			
p-24 to p-25	1	30.00			30.00			
p-25 to p-26	1	31.00			31.00			
p-26 to p-27	1	31.00			31.00			

Assistant Executive Engineer (Ele) BBMP, Bangalore

C F C

...SURAKSHA ELECTRICALS ...Proprietor ...ntractor

...CON CONSULTING ENGINEERS Consultant

Asst. Engineer,

Asst. Executive Engineer, 16/1/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
P-27 to p-28	1	32.00			32.00			
P-28 to p-29	1	32.00			32.00			
P-29 to p-30	1	32.00			32.00			
P-30 to p-31	1	33.00			33.00			
...lanka Lake Beside Road								
From Panel to p-1	1	18.00			18.00			
P-1 to P2	1	30.00			30.00			
P-2 to P3	1	30.00			30.00			
P-3 to P4	1	30.00			30.00			
P-4 to P5	1	30.00			30.00			
P-5 to P6	1	30.00			30.00			
P-6 to P7	1	30.00			30.00			
P-7 to P8	1	30.00			30.00			
P-8 to P9	1	30.00			30.00			
P-9 to P10	1	30.00			30.00			
P-10 to P11	1	30.00			30.00			
P-11 to P12	1	30.00			30.00			
P-12 to P13	1	30.00			30.00			
P-13 to P14	1	30.00			30.00			
P-14 to P15	1	30.00			30.00			
P-15 to P16	1	30.00			30.00			
P-16 to P17	1	30.00			30.00			
P-17 to P18	1	30.00			30.00			
P-18 to P19	1	30.00			30.00			
P-19 to P20	1	30.00			30.00			
P-20 to P21	1	30.00			30.00			
P-21 to P22	1	30.00			30.00			
P-22 to P23	1	30.00			30.00			
P-23 to P24	1	30.00			30.00			
P-24 to P25	1	30.00			30.00			
P-25 to P26	1	30.00			30.00			
P-26 to P27	1	30.00			30.00			
P-27 to P28	1	30.00			30.00			
P-28 to P29	1	30.00			30.00			
P-29 to P30	1	30.00			30.00			
P-30 to P31	1	30.00			30.00			
P-31 to P32	1	30.00			30.00			
P-32 to P33	1	30.00			30.00			
P-33 to P34	1	30.00			30.00			
P-34 to P35	1	30.00			30.00			
P-35 to P36	1	30.00			30.00			
P-36 to P37	1	30.00			30.00			
P-37 to P38	1	30.00			30.00			
P-38 to P39	1	30.00			30.00			
P-39 to P40	1	30.00			30.00			

Assistant Executive Engineer (Ele)
BBMP Bangalore

CBC

Consultant — Asst. Engineer — Asst. Executive Engineer,
16/11/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	P-40 to P41	1	30.00			30.00			
	P-41 to P42	1	30.00			30.00			
	P-42 to P43	1	30.00			30.00			
	P-43 to P44	1	30.00			30.00			
	P-44 to P45	1	30.00			30.00			
	P-45 to P46	1	30.00			30.00			
	P-46 to P47	1	30.00			30.00			
	P-47 to P48	1	30.00			30.00			
	P-48 to P49	1	30.00			30.00			
	P-49 to P50	1	30.00			30.00			
	P-50 to P51	1	30.00			30.00			
	P-51 to P52	1	30.00			30.00			
	P-52 to P53	1	30.00			30.00			
	P-53 to P54	1	30.00			30.00			
	P-54 to P55	1	30.00			30.00			
	P-55 to P56	1	30.00			30.00			
	P-56 to P57	1	30.00			30.00			
	P-57 to P58	1	30.00			30.00			
	P-58 to P59	1	30.00			30.00			
	P-59 to P60	1	30.00			30.00			
	P-60 to P61	1	30.00			30.00			
	P-61 to P62	1	30.00			30.00			
	P-62 to P63	1	30.00			30.00			
	P-63 to P64	1	30.00			30.00			
	P-64 to P65	1	30.00			30.00			
	P-64 to P66	1	30.00			30.00			
	P-66 to P67	1	30.00			30.00			
	P-67 to P68	1	30.00			30.00			
	Attur Lake Double Road								
	Kempanahalli Road								
	From Panel to p-1	1	11.00			11.00			
	P-1 to P2	1	28.00			28.00			
	P-2 to P3	1	28.00			28.00			
	P-3 to P4	1	28.00			28.00			
	P-4 to P5	1	28.00			28.00			
	P-5 to P6	1	28.00			28.00			
	P-6 to P7	1	28.00			28.00			
	P-7 to P8	1	28.00			28.00			
	P-8 to P9	1	28.00			28.00			
	P-9 to P10	1	28.00			28.00			
	P-10 to P11	1	28.00			28.00			
	P-11 to P12	1	28.00			28.00			
	P-12 to P13	1	28.00			28.00			
	P-13 to P14	1	28.00			28.00			
	P-14 to P15	1	28.00			28.00			
	P-15 to P16	1	28.00			28.00			

Assistant Executive Engineer (Ele
BBMP, Bangalore

-CBC

Contractor

Proprietor
SILICON CONSULTING ENGINEERS
Consultant

Asst. Engineer,

Asst. Executive Engineer,
16/1/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
P-10 to P11	1	12.00			12.00			
P-11 to P12	1	12.00			12.00			
P-12 to P13	1	12.00			12.00			
P-13 to P14	1	12.00			12.00			
P-14 to P15	1	12.00			12.00			
P-15 to P16	1	12.00			12.00			
P-16 to P17	1	12.00			12.00			
P-17 to P18	1	12.00			12.00			
P-18 to P19	1	12.00			12.00			
P-19 to P20	1	12.00			12.00			
P-20 to P21	1	12.00			12.00			
P-21 to P22	1	12.00			12.00			
P-22 to P23	1	12.00			12.00			
P-23 to P24	1	12.00			12.00			
P-24 to P25	1	12.00			12.00			
					5773.00			
Present Qty					**5.77**	**Km**		
Qty upto 125%					**5.63**	**Km**	**192597.26**	**1083359.61**
Qty Above 125%					**0.15**	**Km**	**192597.26**	**28504.40**

Assistant Executive Engineer (Ele)
BBMP Bangalore

CFC

SILICON CONSULTING ENGINEERS

Consultant

Asst. Engineer,

Asst. Executive Engineer,
16/1/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 19/12/23 16/1/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Supplying of 1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 25 Sqmm, 3.5 Core, (12 GI Strips - 4 x 0.8 mm)								
	25 Sqmm, 3.5Core For Cercuit Cable								
	Doddaballapura Main Road								
	From 3 Peg Bar and Restorent to Car Gaurage								
	From Panel to p-1	1	15.00			15.00			
	P-1 to P2	1	31.00			31.00			
	P-2 to P3	1	31.00			31.00			
	P-3 to P4	1	31.00			31.00			
	P-4 to P5	1	31.00			31.00			
	P-5 to P6	1	31.00			31.00			
	P-6 to P7	1	31.00			31.00			
	P-7 to P8	1	31.00			31.00			
	P-8 to P9	1	31.00			31.00			
	P-9 to P10	1	31.00			31.00			
	P-10 to P11	1	31.00			31.00			
	P-11 to P12	1	31.00			31.00			
	P-12 to P13	1	31.00			31.00			
	P-13 to P14	1	31.00			31.00			
	P-14 to P15	1	31.00			31.00			
	P-15 to P16	1	31.00			31.00			
	P-16 to P17	1	31.00			31.00			
	P-17 to P18	1	31.00			31.00			
	P-18 to P19	1	31.00			31.00			
	P-19 to P20	1	31.00			31.00			
	P-20 to P21	1	30.00			30.00			
	P-21 to P22	1	32.00			32.00			
	P-22 to P23	1	33.00			33.00			
	P-23 to P24	1	30.00			30.00			
	P-24 to P25	1	31.00			31.00			
	P-25 to P26	1	31.00			31.00			
	P-26 to P27	1	32.00			32.00			
	P-27 to P28	1	32.00			32.00			
	P-28 to P29	1	32.00			32.00			
	P-29 to P30	1	33.00			33.00			
	Punith Rajkumar Road Yelhanka old Town								
	From Panel to p-1	1	6.00			6.00			

Assistant Executive Engineer (Ele) BBMP, Bangalore

CFC

Contractor Consultant Asst. Engineer, Asst. Executive Engineer, 16/1/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	SNE/03/TN/02/00/01	1	6.50			6.50			
	SNE/03/VN/00/03/02	1	6.50			6.50			
	SNE/03/VSM/00/08/01	1	6.50			6.50			
	SNE/03/HN/01/00/02	1	6.50			6.50			
	SNE/03/BL/01/00/06	1	6.50			6.50			
	SNE/03/DB/00/01/01	1	6.50			6.50			
	SNE/03/BC/01/00/03	1	6.50			6.50			
	SNE/03/SN/00/02/01	1	6.50			6.50			
	SNE/03/AV/01/00/01	1	6.50			6.50			
	SNE/03/AL/01/00/03	1	6.50			6.50			
	SNE/03/SMR/01/00/01	1	6.50			6.50			
	SNE/03/RN/01/00/10	1	6.50			6.50			
	SNE/03/JN/00/03/03	1	6.50			6.50			
						1641.50			
	Present Qty					**1.64**	**Km**		
	Qty upto 125%					**1.50**	**Km**	**190507.96**	**285761.94**
	Qty Above 125%					**0.14**	**Km**	**190507.96**	**26956.88**

Assistant Executive Engineer (Ele
BBMP, Bangalore

CFC

Contractor

Consultant

SILICON CONSULTING ENGINEERS

Asst. Engineer,

Asst. Executive Engineer,

16/1/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 10/1/23 to 21/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
						Detailed Measurements			
	Supplying of 1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part1) or IS-7098 Part-1. Armouring strip thickness and resistivity as per IS-3975 35 Sqmm, 3.5 Core, (14 GI Strips - 4 x 0.8 mm)								
	Yelhanka Lake beside Road 1	1	58			58.00			
	Yelhanka Lake beside Road 2	1	56			56.00			
	Yelhanka Lake beside Road 3	1	48			48.00			
	Attur Lake to Kempanahalli Road 1	1	40			40.00			
	Attur Lake to Kempanahalli Road 2	1	38			38.00			
	Allasandra Fly Over Service Road 1	1	45			45.00			
	Allasandra Fly Over Service Road 2	1	49			49.00			
	Allasandra Fly Over Service Road 3	1	46			46.00			
	Cycle Track 1	1	60			60.00			
	Cycle Track 2	1	60			60.00			
						500.00			
					Present Qty	0.50	Km	219084.33	109542.16

CEC

Assistant Executive Engineer (Ele) BBMP, Bangalore

For M/s SURAKSHA ELECTRICALS Proprietor

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Asst. Engineer

Asst. Executive Engineer,

21/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 10/1/23 to 21/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as directed by the departmental staff 2.5 to 25 Sqmm								
	Labour Charge From 2.5 to 25 Sqmm								
	Qty From Item No-17					5.77			
	Qty From Item No-18					1.64			
					Present Qty	**7.41**	**Km**		
					Qty upto 125%	**7.13**	**Km**	**16965.47**	**120879.00**
					Qty Above 125%	**0.29**	**Km**	**16965.47**	**4911.50**

Assistant Executive Engineer (Ele) BBMP, Bangalore

CFC

For M/s SHIVA ... ELECTRICALS Proprietor

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

21/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 10/1/23 to 21/3/23

Item No	Discription of Item	Detailed Measurements					Unit	Rate	Amount
		No	Length	Breadth	Depth	Qty			
21	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as directed by the departmental staff 35 to 95 Sqmm								
	Labour Charge From 2.5 to 35 Sqmm								
	Qty From Item No-19								
						0.50			
	Present Qty					**0.50**	**Km**	**24827.16**	**12413.58**

CFC

Assistant Executive Engineer (Ele) BBMP, Bangalore

For M/s SURAKSHA ELECTRICALS
Proprietor

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer
21/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light ...ntrol switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

...e of Measurement : 10/11/23 to 21/3/23

Sl No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		Detailed Measurements							
1	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:2010 4C X 1.5Sq.mm								
	1.5 Sqmm, 4Core Cable								
	For Doddaballapura Main Road								
	From Indian Petrol Bunk to Vidyapeeta School								
	For one pole (11x2)+(6)=28.00m	28	31.00			868.00			
	Yelahanka Lake Beside Road								
	For one pole (9+7)=16.00m	16	68.00			1088.00			
	Attur Lake Doble Road								
	For one pole (9+7)=16.00m	16	33.00			528.00			
					Present Qty	**2484.00**	**Mtr**		
					Qty upto 125%	**1250.00**	**Mtr**	**92.36**	**115455.50**
					Qty Above 125%	**1234.00**	**Mtr**	**92.36**	**113977.67**

CBC

For M/s ... ELECTRICALS
Contractor
Proprietor

SILICON CONSULTING ENGINEERS
Consultant

K.N. Boddappa
Assistant Engineer

K.N. Boddappa
Asst. Executive Engineer
21/3/23

Assistant Executive Engineer/Ele
BBMP, ...

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 10/11/23 to 21/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements								
	Supplying of Epoxy Terminating Kit (Pothead) suitable for 1.1 kV, LTUG Cable Up to 4 x 50 Sqmm								
	Yelhanka Lake	3	5			15.00			
	Attur Lake	2	5			10.00			
	Allasandra Fly Over Service Road	3	5			15.00			
	Cycle Track	2	5			10.00			
					Present Qty	50.00	Mtr	309.72	15485.78

Assistant Executive Engineer BBMP Bangalore

Contractor Proprietor

Consultant (SILICON CONSULTING ENGINEERS)

Assistant Engineer

Asst. Executive Engineer 21/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 10/1/23 to 2/3/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Supplying of Epoxy Terminating Kit (Pothead) suitable for 1.1 kV, LTUG Cable Up to 4C x 50 Sqmm								
Yelhanka Lake	3				3.00			
Attur Lake	2				2.00			
Allasandra Fly Over Service Road	3				3.00			
Cycle Track	2				2.00			
				Present Qty	**10.00**	**Nos**	**331.73**	**3317.26**

CFC

Contractor

Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

2/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/2/23 to 16/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		Detailed Measurements							
7	Supplying Heavy Duty Copper Terminal Long Barrel.25 Sqmm Copper Terminal, Apprx Wt: 11 Gm								
	Doddaballapur Main Road								
	From Indian Petrol Bunk to Vidyapeeta School	For one Pole=10+4+2							
		31	16.00			496.00			
	Yelahanka Lake Beside Road	For one Pole=10+4							
		68	14			952.00			
					Present Qty	1448.00	Nos	30.46	44106.95

Contractor

Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer

16/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/2/23 to 16/3/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
			Detailed Measurements					
Rod type of earthing using 40 mm Dia, 3 Mtr long MS rod as ground rod, in earth pit of 300 mm width and 3300 mm depth and using 50x6 mm flat welded to ground rod as terminal & connected to equipment ground terminal using PVC Al wire as specified								
Yelhanka Lake	3				3.00			
Attur Lake	2				2.00			
Allasandra Fly Over Service Road	3				3.00			
Cycle Track	2				2.00			
				Present Qty	10.00	Nos	2365.41	23654.13

Assistant Executive Engineer (Ele)
BBMP, Bangalore

CFC

For M/s SUPRAKSHA ELECTRICALS
Contractor
Proprietor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Asst. Executive Engineer
16/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/2/23 to 20/3/23

Item	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		Detailed Measurements							
	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat … with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm								
	Yelhanka Lake	3	8			24.00			
	Attur Lake	2	8			16.00			
	Allasandra Fly Over Service Road	3	8			24.00			
	Cycle Track	2	8			16.00			
					Present Qty	**80.00**	**Mtr**	**288.69**	**23095.03**

Contractor — For M/s SURAKSHA ELECTRICALS, Proprietor

SILICON CONSULTING ENGINEERS — Consultant

Assistant Engineer

Asst. Executive Engineer 20/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/2/23 to 26/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
30	Fabricating supplying and mounting MS box made out SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete16SWG								
	Yelhanka Lake	3	35000.00			105000.00			
	Attur Lake	2	35000.00			70000.00			
	Allasandra Fly Over Service Road	3	35000.00			105000.00			
	Cycle Track	2	35000.00			70000.00			
					Present Qty	**350000.00**	**Sqmm**	**0.40**	**141003.10**

CBC

For M/s SURAKSHA ELECTRICALS

Contractor

Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

26/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/2/23 to 27/3/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements							
Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit in Thermal Magnetic Release. Micro processor release shall have Earth Fault as per IS-13947. (Icu=100% Ics). In 4P MCCB, all Poles should have protection for Short-Circuit/Over Load. For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the poles simultaneously and they shall have a single mechanism.complete. FOUR Pole 100 A 25 kA								
Yelhanka Lake	3				3.00			
Attur Lake	2				2.00			
Allasandra Fly Over Service Road	3				3.00			
Cycle Track	2				2.00			
				Present Qty	**10.00**	Nos	**8677.49**	**86774.88**

CFC

Assistant Executive Engineer (Ele) BBMP Bangalore

Contractor — Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer

RC 27/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/12/23 to 27/3/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements							
Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit in Thermal Magnetic Release. Micro processor release shall have Earth Fault as per IS-13947. (Icu=100% Ics). In 4P MCCB, all Poles should have protection for Short-Cicrcuit/Over Load. For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the poles simultaneously and they shall have a single mechanism.complete. FOUR Pole 100 A 25 kA								
Yelhanka Lake	3				3.00			
Attur Lake	2				2.00			
Allasandra Fly Over Service Road	3				3.00			
Cycle Track	2				2.00			
				Present Qty	10.00	Nos	8677.49	86774.88

Assistant Executive Engineer (Ele) BBMP Bangalore

CFC

For ... ELECTRICALS
Proprietor
Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Asst. Executive Engineer
27/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 28/11/22 to 25/3/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements								
32	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.								
	Qty From Item No-7					960.00			
	Qty From Item No-8					208.00			
	Qty From Item No-9					190.00			
	Qty From Item No-10					154.00			
					Present Qty	**1512.00**	**Each**	**198.49**	**300109.62**

CFC

Contractor

Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

25/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 13/3/23 to 25/3/23

Detailed Measurements

Item No.	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
3	Fixing charges of post top/ Gate/ Garden fitting /LED on the existing CI / GI or any other pipe using required size of reducer, wiring using suitable wires.								
	Qty From Item No-11					50.00			
					Present Qty	**50.00**	**Each**	**174.31**	**8715.66**

Contractor

For M/s SURAKSHA ELECTRICALS Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer,

Asst. Executive Engineer,

25/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 21/3/23 to 29/3/23

Detailed Measurements

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Supplying & fixing of retrofit type - LED bulb.......W with OPAL acrylic diffuser comprising of LED source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt,life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%,Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by ABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition 18W, 6500K								
Doddaballapur Main Road								
From Indian Petrol Bunk to Vidyapeeta School	31				31.00			
				Present Qty	**31.00**	**Each**	**457.79**	**14191.59**

CFC

Contractor

For M/s SURAKSHA ELECTRICALS
Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer.
29/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/2/23 to 26/3/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
5	Supplying Spiral Earth Electrode								
	Doddaballapur Main Road								
	From Indian Petrol Bunk to Vidyapeeta School	31				31.00			
	Yelahanka Lake Beside Road	68				68.00			
	Attur Lake Double Road								
	Kempanahalli Road	33				33.00			
					Present Qty	132.00	Each		
					Qty upto 125%	60.00	Each	260.39	15623.34
					Qty Above 125%	72.00	Each	260.39	18748.01

Assistant Executive Engineer (Ele.) BBMP, Bangalore

CEC

For M/s SURAKSHA ELECTRICALS Proprietor

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer

26/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/4/23 to 6/4/23

		Detailed Measurements							
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
36	Dismanting of Steel/I- Beam/Tubular poles (90% of the Pole erection charges.p2/2.01 Rs 688.00x90%=619.2)								
	From 3 Peg Bar and Restorent to Car Gaurage	1	50.00			50.00			
					Present Qty	50.00	Each	650.09	32504.41

Contractor

For M/s SURAKSHA ELECTRICALS
Proprietor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Asst. Executive Engineer
6/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 13/2/23 to 19/2/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Releasing of existing LEd street light(Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires. (Releasing of LED Lights=90% of erction Charges Rs 189x90%=170.10)								
From 3 Peg Bar and Restorent to Car Gaurage	1	190.00			190.00			
				Present Qty	190.00	Each	178.57	33931.62

For M/s SURAKSHA ELECTRICALS
Proprietor

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Asst. Executive Engineer
19/2/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light ontrol switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

...e of Measurement : 3/2/23 to 6/4/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
58	Mobile Hydraulic Crane 35 t capacity for releasing and refixing of High Mast								
	For Highmast	150				150.00			
					Present Qty	150.00	Hr	1835.20	275280.30

CFC

For M/s SURAKS...

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

6/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/2/23 to 27/3/23

Detailed Measurements

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Centralized Control & Monitoring Sysem (CCMS) for Streetlights consisting of: Supply and erection of Thyristor based single phase smart streetlight control and monitoring system remotely control and monitorable smart streetlight system by using web or mbile application Remote lighting management based on Master control unit (MCU): handles controlling data handling other communication process. Commiunication units : GSM/GPRS Gate driver unit : for driving the Thyristor switching Thristor: SCR 106 Amps dual Thyristor moduel for switching Embedded firmware: firmware to control, handle, Process the data and communicate it wirelessly and IP 65 weather proof MS Enclosure.								
Yelhanka Lake	3				3.00			
Attur Lake	2				2.00			
Allasandra Fly Over Service Road	3				3.00			
Cycle Track	2				2.00			
				Present Qty	10.00	Nos	72212.65	722126.50

Assistant Executive Engineer (E)
BBMP. Bangalore

CEC

For M/s SURAKSHA ELECTRICALS
Proprietor

Contractor

CONSULTING ENGINEERS
Consultant

Assistant Engineer

Asst. Executive Engineer

27/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 20/3/23 to 4/4/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements							
Supply and errection of Single phase 63 Amps Thyristor based Streetlight control system consisting of: micro controller based electronic Timer with RTC, 2x16 LCD with back light, 5 Tactile keys, 106 Thyristor module for load switching mouted on extruded aluminium heat sink, Thyristor driver card for switching Thyristor module, 2 numbers of 63 Amps MCB for over load protection and manual switching, 18 SWG CRACA MS sheet enclouser.								
Timer								
27th Cross, Kondappa Layout	KE/02/TC43/KL/00/27/05/S			1	1.00			
27th Cross, Kondappa Layout	KE/02/TC43/KL/00/2/06/S			1	1.00			
30th Cross, Kondappa Layout	KE/02/TC43/KL/00/30/05/S/S			1	1.00			
24th Cross, Kondappa Layout	KE/02/TC37HMR/00/24/S			1	1.00			
2nd Cross, Kamakshamma Layout	KE/02/TC37/KB/00/07/00/S			1	1.00			
4th Cross, Kamakshamma Layout	KE/02/TC37/KMR/00/61/00			1	1.00			
3rd Cross, Kamakshamma Layout	KE/02/TC37/KB/02/01/08/S			1	1.00			
3rd Cross, Kamakshamma Layout	KE/02/TC38/KB/00/03/00/S			1	1.00			
1st Main, Kamakshamma Layout	KE/02/TC37/KN/01/00/20/L			1	1.00			
Bestara Beedi,Chowdeshwari Layout	KE/02/TC39/YPR/00/01/S			1	1.00			
Maszid Road,Chowdeshwari Layout	KE/02/TC37/MMR/00/11/L			1	1.00			
1st Cross,Near Muneshwara Temple,Kenchenahalli	KE/02/TC74/KH/03/00/01/S			1	1.00			
9th Cross, Sainic Vihar Layout,Kenchenahalli	KE/02/TC74/KH/09/00/09/0			1	1.00			
4th A Cross, Harohalli	KE/02/TC88/HMR/00/24/S			1	1.00			
Opp Govt School, Nagenahalli Main Road, Harohalli	KE/02/TC07/NMR/00/01/S			1	1.00			
Ambedkhar Bhavana Road, Nagenahalli	KE/02/TC/NH/00/00/15/S			1	1.00			
Ambedkhar Colony, Near Chowdeshwari temple, Chowdeshwari Layout	New Pole			1	1.00			
No.B3-6,1st Main, SFS208,Yelahanka New Town	SNE/3/TC303/01/00/03/L/225			1	1.00			

Assistant Executive Engineer (Ele) BBMP, Bangalore

CFC

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Asst. Engineer,

Asst. Executive Engineer,

4/4/23

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
No.15,1st Main, SFS208,Yelahanka New Town	SNE/03/TC/303/01/00/04/L/237			1	1.00			
No.238,1st Main, 407 SFS, Yelahanka New Town	SNE/03/TC02/Y4/01/02/01/L			1	1.00			
No.407,1st Main,2nd Cross, Yelahanka New Town	SNE/03/TC02/Y4/01/02/02/S/418			1	1.00			
No.D3-200, 407 SFS, Yelahanka New Town	SNE/03/TC77/Y4/01/04/01/S			1	1.00			
No.277A, 407 SFS, Yelahanka New Town	SNE/03/TC03/Y4/SMR/00/06/S			1	1.00			
No. D2-337, 407 SFS, Yelahanka New Town	SNE/03/TC/Y4/00/06/07/S/2/347			1	1.00			
No.345, 407 SFS, Yelahanka New Town	SNE/03/TC/Y4/01/06/L/160			1	1.00			
No.7, 6th Cross, Muneshwara Layout,	SNE/03/TC/ML/00/06/09/S/1129			1	1.00			
No.7, 6th Cross, Muneshwara Layout,	SNE/03/TC/ML/00/06/09/S/1129			1	1.00			
Near Nisarga Ground,5th Phase, Yelahanka New Town	SNE/03/TC77/YS/03/00/17/0/50			1	1.00			
Near Old Blue Bell School, 5th Phase, Yelahanka New Town	SNE/03/TC461/YS/MR/00/15/S			1	1.00			
Near SBI Bank, 5th Phase, Yelahanka New Town	SNE/03/TC/YS/MR/00/13/L/187			1	1.00			
Near HP Petrol Bunk,9th Main,Adithya Nagara	SNE/03/TC/AN/09/00/01/0			1	1.00			
1st Main,407 SFS,Yelahanka New Town	SNE/03/TC/Y4/01/00/06/L			1	1.00			
1st Main,Kaveri Layout,Thirumala Dhaba Cross	SNE/03/TC/KL/01/00/01/0			1	1.00			
CQAL Layout	SNE/03/CQ/02/00/24			1	1.00			
CQAL Layout	SNE/03/CQ/01/04/01			1	1.00			
Chitra Layout,1st Cross	SNE/03/CL/00/01/01			1	1.00			
Hanumappa Layout	SNE/03/HL/00/05/03			1	1.00			
Thirumala Nagara	SNE/03/TN/02/00/01			1	1.00			
Vishwa Nagara	SNE/03/VN/00/03/02			1	1.00			
Veersagara Main Road	SNE/03/VSM/00/08/01			1	1.00			
Hill side Meadows	SNE/03/HN/01/00/02			1	1.00			
Basavalingappa Layout	SNE/03/BL/01/00/06			1	1.00			
Dodda Bettahalli	SNE/03/DB/00/01/01			1	1.00			
Best County	SNE/03/BC/01/00/03			1	1.00			
Santhosh Nagara	SNE/03/SN/00/02/01			1	1.00			
Attur Village	SNE/03/AV/01/00/01			1	1.00			
Amba Bhavani Layout	SNE/03/AL/01/00/03			1	1.00			
Sambhram Clg Main Road	SNE/03/SMR/01/00/01			1	1.00			
Rajiv Gandhi Nagara	SNE/03/RN/01/00/10			1	1.00			
Jyoti Nagara 2nd Phase	SNE/03/JN/00/03/03			1	1.00			
				Present Qty	**50.00**	**Nos**	**31287.26**	**1564363.07**

Assistant Executive Engineer (Ele)
BBMP, Bangalore

CEC

M/S SURAKSHA ELECTRICALS Contractor | CONSULTING ENGINEERS Consultant | Asst. Engineer, | Asst. Executive Engineer, 4/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 8/2/23 to 31/3/23

Item No	Discription of Item	Detailed Measurements					Unit	Rate	Amount
		No	Length	Breadth	Depth	Qty			
41	Supply of 3 Mtr Powder Coated Mild Steel Pole powering 40W PCB Light and 20w strip. Dimension of pole 3mm thickness with 80x120mm having Body Colour Graffite Grey, Single side arm bend at 45 deg welded to the pole and arm length 845mm . Strip Light is conduted along with the Pole liner with Blue Light Illumnation. Square base Plate sized 250x250 welded at the bottom of the pole with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB access door cutting of 500mm from the bottom of the pole with 12 inches Height.:Make Emerald Lighting Solutions Model ALTIES or any equalent								
	ALTIES								
	Deo Marvel Park	21				21.00			
					Present Qty	**21.00**	**Nos**	**31234.79**	**655930.60**

Assistant Executive Engineer
BBMP, Bangalore

For M/s ... Proprietor
Contractor

SILICO CONSULTING ENGINEERS
Consultant

Assistant Engineer

Asst. Executive Engineer,
31/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light ... switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

... of Measurement

Detailed Measurements

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Supply of 3 Mtr Powder Coated Mild Steel Pole with 3mm thickness having top Triangle shape with light 36w and arm light 24w Body Colour Grey/Black 3mtr pole will have blue colour 20w strip on double side of the pole. Square base Plate sized 250x250 welded at the bottom of the pole with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB access door cutting of 500mm from the bottom of the pole with 12 inches Height. Make : Emerald Lighting Solutions Model XENON X VI or any equalent								
ALTIES								
Kavery Park	8				8.00			
Judicial Layout Park	22				22.00			
				Present Qty	**30.00**	**Nos**		
				Qty upto 125%	**25.00**	**Each**	**45933.50**	**1148337.60**
				Qty Above 125%	**5.00**	**Each**	**45933.50**	**229667.52**

CFC

Assistant Executive Engineer (Ele) BBMP, Bangalore

Contractor

For M/s SURA...

Consultant

SRI CONSULTING ENGINEERS

Assistant Engineer

Asst. Executive Engineer

31/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 8/2/23

	Detailed Measurements							
Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Supply of 3 Mtr Powder Coated Mild Steel Pole with 3mm thickness having top Triangle shape, Arm will have 600mm length at one side PCB will be palced with 36w light output , Body Colour Grey/Black . 3mtr pole and top triangle fixture will have blue colour 20w strip on double side of the pole. Square base Plate sized 250x250 welded at the bottom of the pole with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB access door cutting of 500mm from the bottom of the pole with 12 inches Height. Make : Emerald Lighting solutions Model TRIO or any equalent					27			
KHD Nayak House	20	27			20.00			
				Present Qty	20.00	Nos	47770.77	1289810.77
					27.		CFC	

Contractor

For M/S ...

SILICO CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

31/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 8/2/23 to 31/3/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
4	Supply of Pressure die Cast body housing , Half Moon shaped landscape Light Dia 450mm,Height 450mm, and mounting dia OD 60mm.LED Light having 60w output and Body colour Grey/Black. Make : Emerald Lighting solutions Model HORSE-SHOE or any equalent								
	Horse-Shoe LED LIGHT 60W								
	Nethaji Park	48				48.00			
	B M Shrikantaiah Park	52				52.00			
					Present Qty	**100.00**	**Nos**	**20473.16**	**2047315.88**

Assistant Executive Engineer (Ele) BBMP, Bangalore

For M/s SUD... Proprietor

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer.

31/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 13/3/23 to 25/3/23

Sl No	Discription of Item	Detailed Measurements					Unit	Rate	Amount
		No	Length	Breadth	Depth	Qty			
15	Fabricating, Supplying and errection of decorative bent type Tuskar Conical Street light pole with hot dip Galvanized with BSEN 10025 grade S 355 JO Steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet for MCBs as per IS Specifications.suitable to with stand the wind speed. The total height of the pole 9 mtrs. The pole should have 2 nos of pole esthetically bent either side. The dimensions of the pole bottom 178 mm,at 9 mtrs height 70 mm 3mm thick and one number of 3 mtr height and 139.7 mm dia perforated pole having colour changing LED Fixture, inside as suitable to the Drawing and picture. The base plate size of 350mm x 350mm x 18 mm for poles and a common baseplate of 900x320x20 mm and the pole shall be galvanized with not less than 65 micron etc and finally finished with paint as required with two different colour. (With out foundation). As per the enclosed Drawing ,pictures and IS standards compleet set includes templat & 6 nos 24 mm x750mm anchor bolts.								
	For Doddaballapura Main Road								
	From Indian Petrol Bunk to Vidyapeeta School	31				31.00			
					Present Qty	**31.00**	**Nos**	**122445.52**	**3795811**

Assistant Executive Engineer (Ele)
BBMP, Bangalore

CEC

Contractor
For M/s SURA... Proprietor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Asst. Executive Engineer,
20/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 7/3/23 to 27/3/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
46	Fabricating, Supplying and errection of decorative Zig- Zag bent type Street light pole with hot dip Galvanized with BSEN 10025 grade S 355 JO Steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet for MCBs as per IS Specifications.suitable to with stand the wind speed. The total height of the pole 7 mtrs towards road and 5 Mtrs footpath.between the pole V shaped MS/any decorativ laser cutting jolly work The pole should have 2 nos of pole esthetically bent either side. The dimensions of the pole bottom square pipr of 175x175x4mmx2 Mtrs length and above 2 mtrs a dia of 76.1x3.25mmx5Mtrs and 3 Mtrs, as suitable to the Drawing and picture. The base plate size of 350mm x 350mm x 16 mm the pole shall be galvanized with not less than 65 micron etc and finally finished with PU paint as required with two different colour. (With out foundation). As per the enclosed Drawing ,pictures and IS standards compleet set includes templat 4 nos M20 x750mm anchor bolts.								
	Yelahanka Lake Beside Road	68				68.00			
					Present Qty	**68.00**	Nos	**94229.28**	**6407590.8**

Assistant Executive Engineer
BBMP Bangalore

CFC

Contractor

For M/s SURAKSHA ... Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer.
27/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 7/3/23 to 23/3/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
47	Fabricating, Supplying and errection of decorative double arm bent type Swirl Street light pole, with 3 sections MS shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet for MCBs as per IS Specifications.suitable to with stand the wind speed. The total height of the pole 9 mtrs. The dimensions of the pole bottom section 3000mm height165 mm dia,3mm,thick, Middle section 3000mm height 2 nos of 60mm dia,2.5mm thick telescop/swaged joint and in the middle easthatical ovel shape middle round MS plate for hording,top section 2 nos 60mm dia.2.5mm thick required lenth to achive total 9 mtrs height & suitabaly bent on either side top width 4000mm as suitable to the Drawing and picture. The base plate size 300mm x 300mm x 12 mm thick and finally finished with paint as required with two different colour. (With out foundation). As per the enclosed Drawing ,pictures and IS standards compleet set includes templat & 4 nos 16 mm x470mm anchor bolts.								
	Attur Lake Double Road					33.00			
	Kempanahalli Road	33							
					Present Qty	**33.00**	**Nos**	**71237.32**	**2350831.59**

CFC

Assistant Executive Engineer (Ele) BBMP Bangalore

For M/s SU... Proprietor

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

23/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light ontrol switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

e of Measurement : 1/4/23 to 6/4/23

Detailed Measurements

m No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Supply, installation, testing and commissioning of out door garden speaker fitted with wide response and water resistant polypropylene speaker components and strong aluminium alloy housing permits various outdoor application omni directional speakers IP 55 norms 40W/100 volt with taping of 40/20/10/5watts 88 db 160 Hz-16KHz Dimensions DIA 185mm x H765 mm frequency response Preferable.including Speaker mounting hardware with mounting templets to be grouted in to the concrete with welded bolts as required to fix the garden speakerMake : Ahuja/Eq								
	Yelahanka Lake								
	Kalyani Around	13				13.00			
					Present Qty	**13.00**	**Nos**	**25059.25**	**325770.22**

Assistant Executive Engineer BBMP, Bangalore

Contractor

For M/s ... Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer

6/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/4/23 to 6/4/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
52	Supply, installation, testing and commissioning of 480 to 600 watt amplifier with large air cooled/forced air cooled heat sink with 3 x line level inputs and 1 x 100 volt input to loop another amp output line ground lift switch to reduce the ground loop hum with 100v/70 volt/ impedence out put Frequency resposne of 50 htz to 15 khtz SN ratio 60 db Power consumption 1200VA AC. Make : Audiotrak/Ahuja								
	Yelahanka Lake								
	Kalyani ~~Around~~ office Room	1				1.00			
					Present Qty	**1.00**	**Nos**	**92072.76**	**92072.76**

CFC

Assistant Executive Engineer (Ele) BBMP, Bangalore

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer, 6/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/4/23 to 6/4/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
53	Supply, installation, testing and commissioning of FM radio with Frequency range of 70 Mhz to 108 Mhz PLL based auto tuning sysetm with aux out with out door antenna consumption preferable. Make : Custom								
	Yelahanka Lake					1.00			
	Kalyani [redacted] office Room	1							
					Present Qty	**1.00**	**Nos**	**2721.41**	**2721.41**

Contractor

For M/s SURA...

Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer

6/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/4/23 to 6/4/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
54	Supply, installation, testing and commissioning of water proof audio rack made of Powder coated MS lockable with bottem ventilated with removable mesh type cover with power strip and for out door use preferable. Make : Custom								
	Yelahanka Lake								
	Kalyani ~~Around~~ office Room	1				1.00			
					Present Qty	**1.00**	**Nos**	**80960.54**	**80960.54**

CFC

Assistant Executive Engineer (E) BBMP, Bangalore

Contractor

For M/s ... Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

I/c Asst. Executive Engineer,

6/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/4/23 to 6/4/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
55	Supply, installation, testing and commissioning of hand held wired mic with wind shield with single channel mic preamp Frequency response of 55 htz to 16000 htz with 2,5 mvolt out put. Make : Ahuja/Eq								
	Yelahanka Lake								
	Kalyani [redacted] office Room	1				1.00			
					Present Qty	**1.00**	**Nos**	**10658.66**	**10658.66**

Contractor

For M/s ... Proprietor

Silicon Consulting Engineers
Consultant

Assistant Engineer

Asst. Executive Engineer,

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 19/12/22 to 16/1/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		Detailed Measurements							
56	Supplying and laying of copper 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable Armouring strip thickness in average +5% 4 core 6 sqmm copper cable.								
	Yelahanka Lake								
	Kalyani Around								
	P-1 to P2	1	25.00			25.00			
	P-2 to P3	1	25.00			25.00			
	P-3 to P4	1	25.00			25.00			
	P-4 to P5	1	25.00			25.00			
	P-5 to P6	1	25.00			25.00			
	P-6 to P7	1	25.00			25.00			
	P-7 to P8	1	25.00			25.00			
	P-8 to P9	1	25.00			25.00			
	P-9 to P10	1	25.00			25.00			
	P-10 to P11	1	25.00			25.00			
	P-11 to P12	1	25.00			25.00			
	P-12 to P13	1	25.00			25.00			
					Present Qty	**300.00**	**Nos**	**358.65**	**107594.70**

CEC

Assistant Executive Engineer (Ele) BBMP Bangalore

For M/s SURA... ELECTRICALS

Proprietor

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

16/1/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 15/3/23 to 5/4/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
57	Fabricating, Supplying and errection of Garden speaker protective enclsoure of size H 91.55mmxL30.50mmxB30.50mm fabricated out of MS 1"1/8 L angle and 1" weld mesh with bolts, washers , nuts & etc; and painted with 2 coats of red oxide and then two coats of green/any approved enaml paint.								
	Shankarnag Park	20				20.00			
	Yelahanka Lake	94				94.00			
					Present Qty	**114.00**	**Nos**	**6037.00**	**688217.56**

Assistant Executive Engineer (Ele) BBMP Bangalore

Contractor

For M/s ... Proprietor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer

5/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 1/2/23 to 2/3/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
58	Laying of UG Cables by trenchless technology by adopting horizontal boring & Drawing of cable including preparation at site With HDPE Pipe i) Normal soil 5/6" bore size								
	Yelhanka Lake beside Road 1	1	58			58.00			
	Yelhanka Lake beside Road 2	1	56			56.00			
	Yelhanka Lake beside Road 3	1	48			48.00			
	Attur Lake to Kempanahalli Road 1	1	40			40.00			
	Attur Lake to Kempanahalli Road 2	1	38			38.00			
	Allasandra Fly Over Service Road 1	1	45			45.00			
	2	1	49			49.00			
	Allasandra Fly Over Service Road 3	1	46						
	Cycle Track 1	1	60			60.00			
	Cycle Track 2	1	60			60.00			
	Present Qty					**454.00**	**Mtr**		
	Qty upto 125%					**152.50**	**Mtr**	**890.24**	**135760.93**
	Qty Above 125%					**301.50**	**Mtr**	**890.24**	**268406.03**

CFC

Assistant Executive Engineer (Ele) BBMP, Bangalore

Contractor

For M/s SURAKSHA ELECTRICALS

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

27/3/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 3/4/23 to 10/4/23

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
E1	Supply and instalations of IP66, 60 watts LED Solar street light with 5 Mtrs long MS pole as detailed specfication Housing ABS Anti-UV Plastic Housing with lence or reflector should not be lessthan 640*250*70mm,Solar Panel 6V 15W High-efficiency polysilicon (Coversion rate 13%) tempered glass laminated,Battery Lithium iron phosphate battery (15Ah / 3.2V)Over Charge Protection Deep Discharge protecton LED Chip 4000-4600lm BEAM Angle 120°Control panel Get dark will turn on, under sunshine will charge energy,5 Mtr Mild Steel Pole of dimension Bottom 2mtr Length 76mm OD and Top 3mtr 60mm OD With 3mm thickness,1mtr 42mm OD Single arm 15 deg welded or bracket to the pole. Base Plate size 220 mm x 220 mm welded at the bottom of the pole Painted with two coats of anticorrosive red oxide and Graffite Grey . suitable for Solar Street Light, includes digging of 1 mtr length and 0.30 mtr dia,1:2:4 bottom concret and 0.3 mtrs above ground level coping complet.								
	CRPF	40 (40)				40.00			
	Purvankar Appartment	4 (04)				4.00			
					Present Qty	44.00	Nos	38750.00	1705000.00

Assistant Executive Engineer (Ele) BBMP, Bangalore

CFC

Contractor

For M/s SUR...

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

10/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 3/4/23 to 10/4/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
				Detailed Measurements					
E2	Supply and erection of 3 Mtr long Aluminium Pole with 60 watt LED Light made out of extruded alluminium 75x150mm with 3 MM thickness, with same dimention extended diamond shape bent at 45 deg Bracket, Diamond of size 400x780 mm Shaped Curvature suspended from the Bracket, Blue/pinck colour Strip Light should be conduted along the Pole, bracket and Diomend Shape on linear side, Grey Colour Powder Coated, strip wattage 20W, pole is mounted on base Plate of 200x200 with required 4 nos foundation Bolts,templates suitable for cable entry hole of 60mm at the bottom of the Pole. MCB Cutting of 500mm from the bottom of the pole with 12 inches Height.as per the Drawing enclosed. Model name & Make :Diamond Cargo , Emerald Lighting Solutions or any equalent								
	Punith Rajkumar Road Yelhanka old Town	5				5.00			
	Present Qty					**5.00**	**Nos**	**6037.00**	**688217.56**

Assistant Executive Engineer (Ele) BBMP, Bangalore

CFC

SILICON CONSULTING ENGINEERS

Contractor

For M/s ... Proprietor

Consultant

Assistant Engineer

Asst. Executive Engineer,

10/4/23

NAME OF WORK:- Providing Energy Efficient street lights, Real time Street Light Control switches, Control Wires, poles, ABC cable and other accessories in Ward No 03 & 02

Date of Measurement : 3/4/23 to 10/4/23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements								
E3	Supply and erection of 3 Mtr long Aluminium decorative Pole with 60 watt LED Light made out of single piece extruded alluminium 75x150mm with 3 MM thickness,self "U" type in built grove for strip lighting with same dimension attached Square arm of size 600x600mm curvature at the top with Two nos of Light, Blue/pinck colour Strip Light should be conduted along the Pole and Square light on liner side, Grey Colour Powder Coated, strip wattage 20W, pole is mounted on base Plate of 200x200 with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB Cutting of 500mm from the bottom of the pole with 12 inches Height.as per the Drawing enclosed . Model name & Make :Square super , Emerald Lighting Solutions or any equalent								
	Punith Rajkumar Road Yelhanka old Town	5				5.00			
					Present Qty	**5.00**	**Mtr**	**890.24**	**4451.18**
							Total		**47173672.60**
	GST 18%For Item No-01 to 38 and 58								**4223117.02**
							Grand Total		**51396789.62**

Assistant Executive Engineer (Ele) BBMP, Bangalore

CFC

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Asst. Executive Engineer,

10/4/23